



CERTIFICATE OF ANALYSIS

20 Martin Ross Avenue, North York, ON, M3J 2K8, CANADA
Tel: (416) 665-9696, Fax: (416) 665-4439
Email: orders.trc@lgcgroup.com Website: www.trc-canada.com

1. Identification

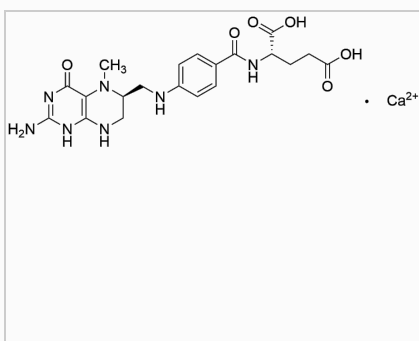
Catalogue Number: L375720

CAS Number: 151533-22-1

Product: Levomefolate Calcium

Synonym: N-[4-[[[(6S)-2-Amino-3,4,5,6,7,8-hexahydro-5-methyl-4-oxo-6-pteridiny]methyl]amino]benzoyl]-L-glutamic Acid Calcium Salt; N-[4-[[[(2-Amino-1,4,5,6,7,8-hexahydro-5-methyl-4-oxo-6-pteridiny]methyl]amino]benzoyl]-L-glutamic Acid Calcium Salt; Bodyfolin; LMCA; Nutrifolin; L-Methylfolate Calcium Salt

Structure:



Molecular Formula:

$C_{20}H_{23}CaN_7O_6$

Molecular weight:

497.52

Source of Product:

N/A

Solubility:

Aqueous Acid (Slightly)

Lot Number: 711621678-1-1

Purity: 97%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Off-White to Grey Solid	Pale Brown Solid
NMR	Conforms to Structure	Conforms
HPLC Purity	Report Result	97.44% (290 nm)
MS	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 45.34 %H: 4.97, %N: 18.82
Calcium Content	Report Result	7.39% by Ion Chromatography
Specific Rotation	Report Result	-32.6° (c = 0.2, 0.1N HCl)
Water Content	Report Result	~6.1% based on Elemental Analysis

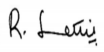
Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By

Swathi Reddy



Reviewed By

Toni Rantanen



**C of A Approved
By**

Chanell Chu



Test Date

7/12/2022

Retest Date

7/10/2026